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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/976,384	10/11/2001	Timothy A. Bott	2001-0935.ORI	9740

7590 02/27/2003

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EXAMINER

THISSELL, JENNIFER I

ART UNIT	PAPER NUMBER
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3635

DATE MAILED: 02/27/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/976,384

Applicant(s)

BOTT, TIMOTHY A.

Examiner

Jennifer I Thissell

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,4 and 5 is/are rejected.
- 7) ☒ Claim(s) 2 and 3 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 4, and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Anderson et al. ('599) in view of Rainey ('351). Anderson teaches a retaining wall comprising a plurality of individual stacked blocks 40 in superimposed rows, each block has a front and rear surface, at least one hollow core 74, an access bore 290 extending from the rear surface 52 of the block to the surface of the wall comprising the hollow core, there is an anchoring assembly (column 15, lines 24-25) coupled to the blocks, there is a coupling means (Figures 37 and 39) disposed in the core of the blocks for interconnecting the anchoring assembly, the coupling means comprises a metal bracket keeper device 266, an elongated fastener means 270 that has a body segment with distal and proximal ends, the body extends through and distally of the access bore, and the distal end comprises an anchoring assembly attachment means (the means to connect the strip 270 to an anchor (column 15, line 24)). The anchoring attachment means inherently secures the anchoring assembly.

Anderson recites that the zone behind the wall is soil or particulate, not specifically that there is a clean granular backfill between earthen fill. Rainey shows that it is known to provide stone fill 62 in between a retaining wall and soil (as seen in Figure 2). It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide stone fill between the wall and the soil, depending on the type and amount of friction that is desired between the particulate material and the elements extending from the blocks. Determining the optimum amount or ratio of stone fill involves only routine skill in the art.

Anderson does not recite a molded plastic plate keeper device. However, providing a well-known and widely utilized material and substitution, such as plastic, for metal in a bracket would be considered an obvious design selection to one having ordinary skill in the art at the time the invention was made. A plastic bracket would provide a strong element, as well as provide an element that is resistant to the environmental elements because it would not rust.

Allowable Subject Matter

Claims 2 and 3 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: There is no motivation to substitute Anderson's elongated

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fastener means (270 in Figure 37) as recited in relation with the keeper device and stable anchoring assembly, with a flexible cable.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer I Thissell whose telephone number is (703) 306-5750. The examiner can normally be reached Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl Friedman can be reached on (703) 308-0839. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9326 for regular communications and (703) 872-9327 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-2168.


JIT

February 22, 2003


Carl D. Friedman
Supervisory Patent Examiner
Group 3600